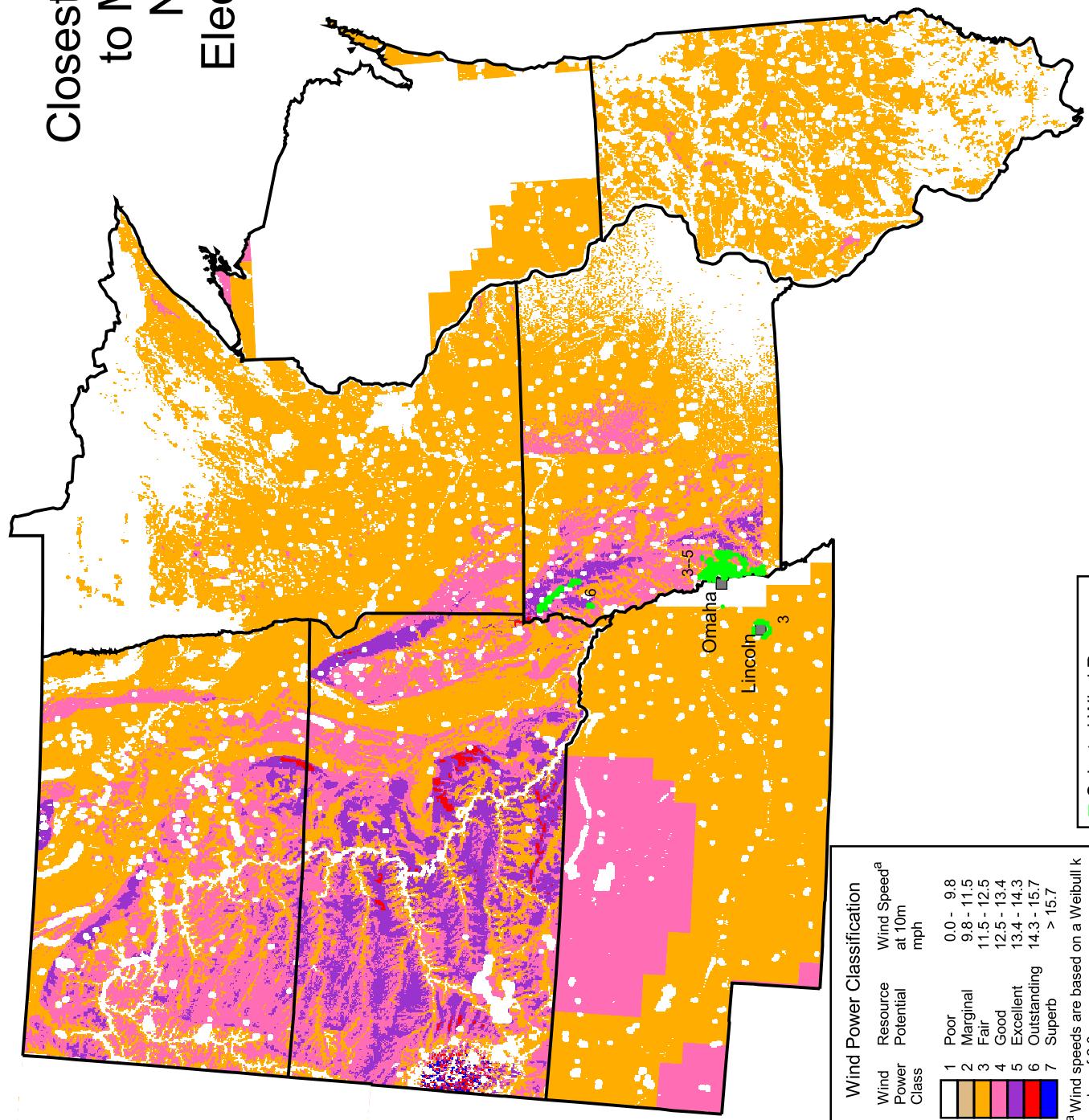


# Closest Wind Resource to Meet 20% of Nebraska's Electric Demand



Area Required by  
Each Power Class Alone

Class 3:	318 sq km
Class 4:	258 sq km
Class 5:	201 sq km
Class 6/7:	161 sq km



U.S. Department of Energy  
National Renewable Energy Laboratory  
8-Apr-2004 1:3.18

Wind Power Classification	
Wind Power Class	Wind Resource Potential
1	Poor
2	Marginal
3	Fair
4	Good
5	Excellent
6	Outstanding
7	Superb

<sup>a</sup>Wind speeds are based on a Weibull k value of 2.0